

19990831.qrp v01\_n565.qrl.990831

Date: Tue, 31 Aug 1999 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1565

QRP-L Digest 1565

Topics covered in this issue include:

- 1) [48868] IT WAS LIKE HEAVEN  
by ARDUJENSKI@aol.com
- 2) [48869] QRPp  
by Rich Wilkerson <richqrp@home.com>
- 3) [48870] Fox QSL's  
by Bcieslak@ra.rockwell.com
- 4) [48871] OT: QSLMaker  
by "John J. McDonough" <jjmcd@tm.net>
- 5) [48872] QSL manager search.  
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [48873] Re: Spring + Summer QRPp in NY  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 7) [48874] Sierra and Norcal 40A for sale  
by "Mark Paley" <mpaley@wcnet.org>
- 8) [48875] fists stuff  
by "Jerry W. O'Dell" <jwodel@ameritech.net>
- 9) [48876] Re: fists stuff  
by "Mark Paley" <mpaley@wcnet.org>
- 10) [48877] (no subject)  
by Laura A Fisher <wlfisher@bellatlantic.net>
- 11) [48878] Tentec 405 50 watt linear  
by "Mark Paley" <mpaley@wcnet.org>
- 12) [48879] Norcal 40 A  
by "Mark Paley" <mpaley@wcnet.org>
- 13) [48880] Re: VA Beach Hamfest  
by Rick McNelly <72507.235@compuserve.com>
- 14) [48881] begginer  
by <SFIKE@twa.com>
- 15) [48882] Re: OT: QSLMaker  
by Sylvester <cqsly@tm.net.my>
- 16) [48883] begginer  
by <SFIKE@twa.com>
- 17) [48884] Re: begginer  
by Bob Hightower <ki7mn@extremezone.com>
- 18) [48885] Re: 2N2/40, Elmer & Data Books  
by guillotstutoring@juno.com
- 19) [48886] qrp-l issues?

by "Scott Robbins - VE7CCY" <ve7ccy\_srobbins@hotmail.com>  
20) [48887] Re: begginer  
by sigcom@juno.com  
21) [48888] Don't know which end is up  
by Jay Bromley <w5jay@alltel.net>  
22) [48889] Bubba-NQ7RP  
by "Floyd Smithberg" <flydnq7x@primenet.com>  
23) [48890] diode identification  
by <SFIKE@twa.com>  
24) [48891] RS 22-503 power supply--Yikes!  
by Jeff Logullo <logullo@mindspring.com>  
25) [48892] Re: calling CQ as QRP (Long)  
by Russ Dow <n7dw@garlic.com>  
26) [48893] Re: Help With Transistor Identitication  
by "Randy Jouett" <rules@bellsouth.net>  
27) [48894] Proximity Switched Keyer??  
by "Randy Jouett" <rules@bellsouth.net>  
28) [48895] Morse Code Reader, 2-Line LCD?  
by "Dave Fifield" <fifield@pacbell.net>  
29) [48896] Re: XTALs in PSpice  
by Eim Mulder <mulder@nfra.nl>  
30) [48897] Simple Web Page Design Program Sought  
by "Ed Tanton" <n4xy@att.net>  
31) [48898] N4BP BUBBA  
by Bob Patten <n4bp@bc.seflin.org>  
32) [48899] Re: begginer  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
33) [48900] Re: Simple Web Page Design Program Sought  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
34) [48901] Re: XTALs in PSpice  
by "Leon Heller" <leon\_heller@hotmail.com>  
35) [48902] One of our own honored  
by Allen Randy <Allen\_Randy@prc.com>  
36) [48903] Re: One of our own honored  
by Sylvester <cqsly@tm.net.my>  
37) [48904] Re: Help With Transistor Identitication  
by Zack Lau <zlau@arrl.org>  
38) [48905] NEW Gel Cell Batteries  
by Tim English <tje@usol.com>  
39) [48906] RE: XTALs in PSpice  
by "Scott, Gary" <gary.scott@bellhowell.infolearning.com>  
40) [48907] Transistor Substitutions  
by charles k brown <n4so@juno.com>  
41) [48908] Scope Probes for TEK 485  
by David Shalita <af389@lafn.org>  
42) [48909] SST---Thanks  
by "Mark Hogan" <mhogan@email.msn.com>  
43) [48910] FS

by paul taylor <ptay1@bestweb.net>  
44) [48911] Re: Fox QSL's  
by Bruce Rattray <rattray@gpfn.sk.ca>  
45) [48912] Re: Long wire??  
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>  
46) [48913] milliwatting on 17M  
by Jim Hale <kj5tf@yahoo.com>  
47) [48914] Small Wonders DSW.....  
by GElam30092@aol.com  
48) [48915] FOX: Digest Readers May Still Apply  
by "Paul R. Valko" <prvalko@oakland.edu>  
49) [48916] Re: begginer  
by Sylvester <cqsly@tm.net.my>  
50) [48917] need date and location of VA.Beach Hamfest please  
by "Armin Hachmer" <armin@muskoka.com>  
51) [48918] RE: Simple Web Page Design Program Sought  
by Dave Barrett <DBarrett@creo.com>  
52) [48919] Va Beach (and other) Hamfest  
by wgabriel@dukeengineering.com  
53) [48920] Temporary e-mail address  
by "Bill Todd" <bill@willapabay.org>  
54) [48921]  
by william h ross <k6mgo@juno.com>  
55) [48922] <http://www.vahamfest.com>  
by JPD <jdanter@mail.i-america.net>  
56) [48923] FS: KD1JV 11-2-10 CB Conversion kit w/MCB-30 CB Transceiver  
by HWRM1SS@aol.com  
57) [48924] FS NW20  
by PDouglas12@aol.com  
58) [48925] Proximity Switched Keyer Clarification  
by "Randy Jouett" <rules@bellsouth.net>  
59) [48926] info on S53A  
by Roger Traylor <traylor@ECE.ORST.EDU>  
60) [48927] Re: info on S53A  
by Phil Wheeler <w7ox@mindspring.com>  
61) [48928] Wanted: Sierra 20m, 15m modules  
by Allan G Taylor <k7gt@arrl.net>  
62) [48929] What Kit Should I Build? #5 in a Series  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
63) [48930] RE: info on S53A  
by Alen Mitrovic <alen.mitrovic@hermes.si>  
64) [48931] Re: info on S53A  
by "dor" <elbc@pivot.net>  
65) [48932] WTB: Backissues of QRPP  
by Bill Cotter <bcotter@pop.uky.edu>  
66) [48933] Re: Proximity Switched Keyer??  
by "Marshall Emm" <mgemm@mtechnologies.com>  
67) [48934] Re: diode identification

by Luke Stras <stras@ecf.utoronto.ca>  
68) [48935] D1JV 11-2-10 CB Conversion kit w/MCB-30 CB Transceiver SPOKEN FOR  
!!!  
by HWRM1SS@aol.com  
69) [48936] Speaking of good deeds and promoting QRP.....  
by GElam30092@aol.com  
70) [48937] Re: Proximity Switched Keyer??  
by Mike Manship <mjmanship@iquest.net>  
71) [48938] for sale  
by "Mark Paley" <mpaley@wcnet.org>  
72) [48939] Re: Proximity Switched Keyer??  
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>  
73) [48940] FS  
by paul taylor <ptay1@bestweb.net>  
74) [48941] Spring QRPp  
by Larry East <w1hue@amsat.org>  
75) [48942] (no subject)  
by Laura A Fisher <wlfisher@bellatlantic.net>  
76) [48943] More info on el sol's indigestion on the 28th  
by "David P. Drake" <dpd@dtpx2.ncifcrf.gov>  
77) [48944] Re: Proximity Switched Keyer??  
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
78) [48945] Re: Spring QRPp  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>  
79) [48946] Re: Proximity Switched Keyer??  
by Monte Stark <ku7y@dri.edu>  
80) [48947] NASA Space News on the solar flare the other day  
by "Ed Tanton" <n4xy@att.net>  
81) [48948] Re: Proximity Switched Keyer??  
by igeq100@iupui.edu  
82) [48949] Norcal 20 for sale  
by ADRAMIS@aol.com  
83) [48950] Re: Proximity Switched Keyer??  
by Bruce Muscolino <w6toy@erols.com>  
84) [48951] Re: Proximity Switched Keyer?? (IR stuff about it)  
by Andy C Meng <andymeng@juno.com>  
85) [48952] contact space  
by ac5ez@webtv.net (Larry B)  
86) [48953] Nov. sweepstakes  
by Bruce Rattray <rattray@gpfn.sk.ca>  
87) [48954] Re: Proximity Switched Keyer??  
by "The One and Only!" <mitch96@pobox.com>  
88) [48955] Re: Proximity Switched Keyer??  
by "Steven Weber" <kd1jv@moose.ncia.net>  
89) [48956] Thanks for the assistance  
by GElam30092@aol.com  
90) [48957] Copy of QST article  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>

-----  
Date: Mon, 30 Aug 1999 19:19:24 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [48868] IT WAS LIKE HEAVEN  
Message-ID: <55830ed.24fc6b7c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thought I would share the good news. Not sure how many caught the 10M opening this afternoon but all I can say it was like field day. I felt like one of those DX stations that had them lined up. It was a chance to see the GAP TITAN work on 10M for the first time. It sounded like 20M. I sure hope this is the signs of things to come. .Alan KB7MBI

-----  
Date: Mon, 30 Aug 1999 16:27:04 -0700  
From: Rich Wilkerson <richqrp@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48869] QRPp  
Message-ID: <37CB1348.B184A098@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just received my summer a few days ago and my spring today. All, that have anything to do with writing, publishing and mailing have NO reason to make excuses to anyone. The only thing is now, i have a lot of reading to do, but will enjoy it very much i know!! A job well done to ALL the staff of QRPp! Spring, Summer, who cares, its hot outside!

--

72's & 73's  
Rich Wilkerson, Santee, Ca  
WD6FDD

-----  
Date: Mon, 30 Aug 1999 14:17:53 -0500  
From: Bcieslak@ra.rockwell.com  
To: qrp-1@lehigh.edu  
Subject: [48870] Fox QSL's  
Message-ID: <862567DD.006A0F70.00@ramilwsmt01.ra.rockwell.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Just wondering how many fox hunters send QSL's after they nab a fox.

The QRP Cheeseheads ARC would be willing to manage a Fox Hunters QSL buro for the hunts this fall if there is a demand.

We figure anytime you can get more than one card in an envelope its gotta save some money.

The Suggested mode of operation would be for fox hunters to nab a few foxes then send the cards to the buro to be sorted and forwarded to the foxes.

The foxes would reply via the buro where the cards are sorted and sent to the hunters when their SASE is full. (of course foxes don't have to wait for a qsl before sending out one of their own).

If you think this will be worthwhile let us know.....if there is enough interest we'll take this project to the next step.

Brian AE9K

-----  
Date: Mon, 30 Aug 1999 19:28:52 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48871] OT: QSLMaker  
Message-ID: <000101bef33f\$6dfae140\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey guys,

I thought you would like to hear a few statistics that just amazed me.

The new website for QSLMaker produces all sorts of neat reports for me. Yesterday, after I posted a notice of the new version, the traffic, not surprisingly, jumped right up. The total volume was sort of a surprise tho.

Almost 300 downloads have been served up in the past 24 hours. About a quarter of those were for the self-extracting exe. Perhaps even more interesting, of the 300+ folks who visited, over 40 were directed to my site from the QRP-L archive site. I'm surprised that many folks can wade through

that!

There were 50 pages served to Malaysia, but only 7 to Indonesia. Pretty interesting looking through the list of countries, kind of like reading contest logs. Malaysia and the UK were behind Belgium in number of requests but ahead by number of bytes. There were about 50% more .net's than .com's. A handful of folks downloaded over and over, probably having trouble.

The greatest volume occurred around 7PM Pacific time.

Interesting stuff.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 30 Aug 1999 19:41:13 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <qrp-l@lehigh.edu>  
Subject: [48872] QSL manager search.  
Message-ID: <002801bef341\$2889dce0\$0f3367d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Group,

If you like sending QSLs, specially to rare "entities" (ARRL wording) with managers, check this software out. It's basically a search engine for QSL managers and addresses. It's free for non-commercial use.

<http://www.qsl.net/pathfinder>,

73 de Vince, VE3VFN.

-----  
Date: Mon, 30 Aug 1999 19:25:55 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: obvious@bestweb.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48873] Re: Spring + Summer QRPp in NY  
Message-ID: <37CB1302.583ACC2E@quartz.gly.fsu.edu>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Richard Brummer, K2REB wrote:

> Doug,  
>  
> The Spring and Summer QRPP arrived in the same batch of mail in ENY today.  
>  
> As they say, "My compliments to the chef !"  
>  
>

Amen

Has anyone given any thought to binding the schematics as foldouts at the back of the journal?

With the present scheme, it is a pain to physically remove the schematics from the binding in order to see what is going on.

Just a suggestion.

Henry

-----  
Date: Mon, 30 Aug 1999 19:39:25 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [48874] Sierra and Norcal 40A for sale  
Message-ID: <002901bef35a\$1907cb60\$93ab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am selling several items including the above mentioned radios:

1. Sierra Wilderness Radio with 80M, 40M, 30M, 20M, 17M, and 15M modules, and KC-2 keyer/Counter/S-Meter/Wattmeter unit \$350 takes all.



2. Norcal 40A with KC-1 keyer-freq. counter unit... \$140.

3. SGC 230 auto tuner...\$375.

4. SGC 2020...\$575.

All pieces of equipment in pristine shape. I'll ship CONUS and will mail units when check clears bank.

Mark Paley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

-----  
Date: Mon, 30 Aug 1999 20:07:10 -0400  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: qrp-1@lehigh.edu  
Subject: [48875] fists stuff  
Message-ID: <4.2.0.58.19990830200352.00967100@mailhost.det.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I joined Fists to support CW. Quite frankly, I rarely read their mag (although it's very nice), but I do nicely by myself on 40 meters.

But what should one do about the Fists qsl bureau? For about 6 months, I've been very careful not to give out my fists number, but still the things keep pouring in.

I have, and will never have an interest in contests, qsl bureaus, and all the silliness of some hams. How can I stop this, and not hurt Fists?

73 jerry w8gnd

-----  
Date: Mon, 30 Aug 1999 20:09:18 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: <jwodell@ameritech.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48876] Re: fists stuff

Message-ID: <009301bef35e\$37b903e0\$93ab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sounds like no good deed goes unpunished!

-----Original Message-----

From: Jerry W. O'Dell <jwodel1@ameritech.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Monday, August 30, 1999 5:09 PM  
Subject: fists stuff

>I joined Fists to support CW....snip...

>

>How can I stop this, and not hurt Fists?

>

>73 jerry w8gnd

>

-----  
Date: Mon, 30 Aug 1999 20:13:29 -0400  
From: Laura A Fisher <wlfisher@bellatlantic.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [48877] (no subject)  
Message-ID: <37CB1E28.4B0AB1E0@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please put the number on the article listed in the front table of  
contents tnx

-----  
Date: Mon, 30 Aug 1999 20:18:00 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [48878] Tentec 405 50 watt linear  
Message-ID: <009d01bef35f\$7139ab00\$93ab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I happened to visit Purchase Radio today in Ann Arbor, Michigan. I noticed a Tentec 405 50-watt linear with a price of \$200 on it. I wasn't interested but was really surprised to see it. First such linear I've come across in 10 years. At any rate if anyone is interested you might call the place to see if it's still there. I have no interest in this store and, in fact they are unaware I am even mentioning it on the net. I don't know the phone number but do know they are on Hoover Street in Ann Arbor.

Mark Paley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

-----  
Date: Mon, 30 Aug 1999 20:21:16 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [48879] Norcal 40 A  
Message-ID: <00a801bef35f\$e3cf2a00\$93ab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Norcal 40A is sold.

Mark Paley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

-----  
Date: Mon, 30 Aug 1999 20:32:25 -0400  
From: Rick McNelly <72507.235@compuserve.com>  
To: qrp-1@Lehigh.EDU  
Subject: [48880] Re: VA Beach Hamfest  
Message-ID: <199908302035\_MC2-82ED-7ECE@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset=us-ascii  
Content-Disposition: inline

Not that I know of, they asked me to do another QRP forum this year but I'm just not up to it. I enjoyed meeting you last year Rich. I hope to see you there this year, I'll be around, just not putting on a forum.

I steered the organizers towards Frank Mathews who is local and on this list but I don't know if they contacted him.

72/73's,

--Rick, KE4IZH

QRP-L # 493  
72507.235@compuserve.com  
Chesapeake, Va.  
MP2.1K  
'98 Sportsman

-----  
Rich wrote:

<Is there going to be any QRP activity/forums at the Virginia Beach Hamfest this year?

Last year there was a very nice gathering. Just curious what's on tap (if anything) for this year?

73 Rich K7SZ>

-----  
Date: 30 Aug 1999 21:00:01 LOC  
From: <SFIKE@twa.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [48881] begginer  
Message-ID: <19990830.210001.SFIKE@twa.com>

Here's a loaded question for anyone out there! Who makes the best QRP kit for begginers (such as myself) both construction wise and performance wise that doesn't cost an arm and a leg? I'm looking to start out with something in the \$50-75 range. I can form-up my own aluminum stock for a case so that's not an additional cost consideration for me. I've pretty much narrowed down my choice

to a CW monoband kit, but I'm not sure wich band to start out with, 20, 30 or 40 meters? As a begginer, I don't relish the thought of spending \$100-125 on a kit only to have it go up in smoke the first time I try it out. \$50-75 is a little easier to swallow should something go wrong the first time out!  
Any suggestions folks?

Thanks in advance  
73  
Scott@twa.com

-----  
Date: Tue, 31 Aug 1999 10:14:10 +0800  
From: Sylvester <cqsly@tm.net.my>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: "John J. McDonough" <jjmcd@tm.net>  
Subject: [48882] Re: OT: QSLMaker  
Message-ID: <19990831021410.FDPU1712@User>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi John,

Tks for a great program ! Here is one of the guys who downloaded from East Malaysia (Borneo Island),  
and it took me about 15-20 minutes. Jam-packed like a Highway traffic jam but it was worth it ! Have tried using it last nite and it is quite user friendly even for one who didn't bother to read the HELP files. Keep up the good work, John !

Vy 72 fm 'The Hidden Paradise of Borneo'  
de Sly (9M8SL).

At 07:28 PM 8/30/99 -0400, you wrote:

>Hey guys,

>

>I thought you would like to hear a few statistics that just amazed me.

>

>The new website for QSLMaker produces all sorts of neat reports for me.

>Yesterday, after I posted a notice of the new version, the traffic, not

>surprisingly, jumped right up. The total volume was sort of a surprise tho.

>

>Almost 300 downloads have been served up in the past 24 hours. About a

>quarter of those were for the self-extracting exe. Perhaps even more

>interesting, of the 300+ folks who visited, over 40 were directed to my site

>from the QRP-L archive site. I'm surprised that many folks can wade through  
>that!  
>  
>There were 50 pages served to Malaysia, but only 7 to Indonesia. Pretty  
>interesting looking through the list of countries, kind of like reading  
>contest logs. Malaysia and the UK were behind Belgium in number of requests  
>but ahead by number of bytes. There were about 50% more .net's than .com's.  
>A handful of folks downloaded over and over, probably having trouble.  
>  
>The greatest volume occurred around 7PM Pacific time.  
>  
>Interesting stuff.  
>72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>  
>didileydadidah QRP-L #1446 Code Warriors #35  
>  
>  
>

-----  
Date: 30 Aug 1999 21:20:28 LOC  
From: <SFIKE@twa.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [48883] begginer  
Message-ID: <19990830.212028.SFIKE@twa.com>

Here's a loaded question for anyone out there! Who makes the the best QRP kit for a begginer (such as myself) both construction wise and performance wise that doesn't cost an arm and a leg? I am looking to spend somewhere in the \$50-75 range. I can form-up my own aluminum sheet stock for a case, so that is not an extra-cost consideration for me. I have pretty much settled on the notion of a CW mono-band transciever but can't decide on wich band to start out with; 20,30 or 40 meters? As a begginer, I don't relish the thought of spending \$100-125 on a kit only to have it go up in smoke when I first try it out. \$50-75 is a little easier to swallow should something go wrong. I might go as high as \$100, but it better be one hum-dinger of a transceiver! Any suggestions?!

Thanks to all  
73  
sfike@twa.com

-----  
Date: Mon, 30 Aug 1999 19:37:37 -0700

From: Bob Hightower <ki7mn@extremezone.com>  
To: SFIKE@twa.com  
Cc: qrp-1@lehigh.edu  
Subject: [48884] Re: begginer  
Message-ID: <199908310229.TAA23649@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:00 PM 8/30/99 +0000, you wrote:

>  
>Here's a loaded question for anyone out there! Who makes the best QRP kit  
>for begginers (such as myself) both construction wise and performance wise  
that  
>doesn't cost an arm and a leg? I'm looking to start out with something in the  
>\$50-75 range. I can form-up my own aluminum stock for a case so that's not an  
>additional cost consideration for me. I've pretty much narrowed down my  
choice  
>to a CW monoband kit, but I'm not sure wich band to start out with, 20, 30 or  
>40 meters? As a begginer, I don't relish the thought of spending \$100-125 on  
>a kit only to have it go up in smoke the first time I try it out. \$50-75 is a  
>little easier to swallow should something go wrong the first time out!  
>Any suggestions folks?  
>  
The SW40+ in 40 Meters would be my choice. The price is right, there is an  
issue of QRPP that guides you through the construction, and, if you have  
privileges, you can get in on the fox hunts.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Mon, 30 Aug 1999 21:57:14 -0500  
From: guillotstutoring@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [48885] Re: 2N2/40, Elmer & Data Books  
Message-ID: <19990830.215715.-958567.0.guillotstutoring@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I would like to get the 1998 reprints, but on the NorCal page  
<http://www.fix.net/~jparker/qrp.html> they only go up to 1997.

>Please note that the Elmer 101 and 2N2/40 book is also contained  
>within

>the NorCal 1998 QRPP annual reprints, which contains all four QRPP's  
>of  
>1998. Available for \$24 (includes shipping US/VE) from Doug  
>Hendricks.

Ed Guillot, N5ED, New Orleans, LA  
qrp-l#1951, qrparci#3988, ARRL(life)

---

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---

Date: Mon, 30 Aug 1999 20:00:17 PDT  
From: "Scott Robbins - VE7CCY" <ve7ccy\_srobbins@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [48886] qrp-l issues?  
Message-ID: <19990831030017.91269.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Can someone tell me how to subscribe to the qrp-l issues everyone's been  
talking about?

Thank you very much!

Scott - VE7CCY

---

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---

Date: Mon, 30 Aug 1999 20:04:04 -0700  
From: sigcom@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [48887] Re: begginer  
Message-ID: <19990830.200411.-3694683.1.sigcom@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On 30 Aug 1999 21:00:01 LOC <SFIKE@twa.com> writes:



(snip)

> As a begginer, I don't relish the thought of spending  
> \$100-125 on a kit only to have it go up in smoke the first time I try  
it out.  
> \$50-75 is a little easier to swallow should something go wrong the  
first time  
> out!

Well Scott, I don't know about a suggestion for your first rig, but  
there's no reason any homebrew or kit project should go up in smoke -if-  
one takes some simple precautions. I've posted this before during the  
NorCal 38S 5 Watt mod/smoke disasters, but it bears repeating.

If you are lucky enough to have a current limiting power supply, use it.  
Most folks, especially beginners, aren't usually fortunate to have such a  
device.

Please, please at least use a fuse in the supply line to the rig for the  
initial power up. And -not- a 30 Amp fuse. Use a fuse that's close to  
the rating of the rig's full volume current drain on receive.

But better yet, use a lamp. Yes, a 12-14 Volt lamp. Pick one that has a  
current rating of say, double the RX current drain of the rig at full  
volume. Don't know the spec? E-mail the manufacturer. Or consult Paul  
Harden's book (don't have Paul's book? Tsk, tsk.) Place the lamp in  
series with the D.C. supply line. When you first apply power to your  
baby, if the lamp illuminates brightly, you've got a problem. -But- you  
won't let the smoke out! The lamp will dissipate the power, not the  
innards of the rig. Proceed to find the short! If the lamp illuminates  
with a dull glow, you're safe. Replace the lamp with a fuse and proceed  
to check the transmitter. Use a fuse 1.5 to 2 times the rated  
transmitter current.

No fuse and a non-current limited power supply is the recipe for  
disaster.

This is not rocket science nor original on my part. Ask me how I learned  
:-). T.V. repair guys use this trick all the time except they use larger  
lamps in series with the A.C. line, especially when trouble-shooting sets  
with bootstrapped power supplies.

Happy building!

73.....Steve, WB6TNL

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-----  
Date: Mon, 30 Aug 1999 22:27:30 -0500  
From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48888] Don't know which end is up  
Message-ID: <37CB4BA2.554A8B19@alltel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,  
Got both issues of QRPp and Sprat. A bunch of VE3DNL orders as well.  
Had a nice QSO on twenty meters with a F1st member that didn't know what  
a NorCal-20 was. Gave me a 569 off the back of the beam. What do you  
think happened when I got the beam on him, hee hee. Time to go to work.  
73 de w5jay..

-----  
Date: Mon, 30 Aug 1999 20:46:26 -0700  
From: "Floyd Smithberg" <flydnq7x@primenet.com>  
To: "QRP-L message" <qrp-l@Lehigh.edu>  
Subject: [48889] Bubba-NQ7RP  
Message-ID: <006501bef363\$7d62ee60\$133084ce@primenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, it was another one of those days....poor prop but fun anyway. Checked  
40 thru 10  
several times but only got one Q each on 40(AA5B NM) and 10(N4BP FL). Picked  
up  
27 on 20 and another 19 on 15. Started with my tower down at 22' because of  
the  
monsoons here but raised it to 45' after the 1st hour of poor  
results....didn't help! Those  
in the log are: K10J, W1VT(2), KG2H, N2T0,WK2G, AE2T, W3BB0, VE3FA0,  
KA3WMJ, K3WWP, W4ED(2), AE4IC, N4S0, W4EEX(2), N4UY, K4BAI, N4BP(3),  
K4JM, AB5UA, N5MX, NM5M, AA5B, W5VB0, K5AAR, VE5QRP, N6IZ, KE6D,  
N6WG, AB7TT, W8RIK, WA8GHZ, N8NRG(2), WA8RXI, K8CV, AA9KH, NQ9RP,  
N9VV, KQ0I, K0PC, N0MF, K0EVZ.  
Thanks to all who participated....hope to see you all in 2000 FYB0.  
Equip: TS850/5W....3el on 20,15,10 and 40M extender. Thinkpad and TR.

Worked 48Qs, 28SPCs.....est score=107,520

-----  
Date: 30 Aug 1999 22:43:59 LOC  
From: <SFIKE@twa.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [48890] diode identification  
Message-ID: <19990830.224359.SFIKE@twa.com>

Can anyone tell me what a PIN-diode is and what it does?

Thanks to all who respond!  
73  
sfike@twa.com

-----  
Date: Mon, 30 Aug 1999 23:07:48 -0500  
From: Jeff Logullo <logullo@mindspring.com>  
To: qrp-1@lehigh.edu  
Subject: [48891] RS 22-503 power supply--Yikes!  
Message-ID: <37CB5511.CBE9C26A@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

About 6 weeks ago, I picked up one of the Shack's switching power supplies, right before I left for my extended trip to Boston. Decided to give it a dry run before I left--good thing!

I hooked it up to my NorCal 20, and the receiver sounded fine. Then went to transmit into a dummy load, and YUCK! Signal was terribly distorted! With a deep sigh, I packed the gel cell and charger, and tabled the 22-503 project.

Stubbed my toe on the box tonight, and decided to investigate. Suggestions? Could I have gotten a dud? Is 20 gauge (stranded speaker) wire sufficient to carry the current?

I'm pretty sure I did my final alignment running off a 13.8V power supply... but I now wonder if I aligned using a battery instead... guess I should start a lab notebook for these projects.

Anyway, all suggestions are welcome.

Jeff N MII

-----  
Date: Mon, 30 Aug 1999 21:20:03 -0700  
From: Russ Dow <n7dw@garlic.com>  
To: eakwikjr@hti.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48892] Re: calling CQ as QRP (Long)  
Message-ID: <37CB57F3.E92FC9B5@garlic.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Ed and the gang,

Some folks in the USA and Canada get a bang out of working QRPers, too. I clearly remember a very enjoyable experiment on 29 June 1997 with Tom, VE7BLF in White Rock, BC. I had been CQing and calling on 30 meters with my Sierra to no avail. I put it away, hooked up a borrowed TS-930S, and soon contacted Tom. I mentioned my lack of success with QRP, and he encouraged me to give it another try. I learned on the fly how to get the 930 down to 3 or 4 watts. He dropped to 10 watts and 569, as low as his rig would go, and the copy was still good, so he encouraged me to set up the Sierra again. I think he just wanted to hear the Sierra. It took a few minutes, but he stood by and then I was 529 at 1 watt and we were both having a great time. Tom, if you ever read this, I still remember!

Last Friday evening I got on 40 meters, around 7.120-7.122, looking for some friends from Southern California. Nobody around, so I answered a CQ from WW7LDS, Dennis in Orem, UT. I started out with 100 watts <shame on me>, then progressively reduced power down to 5 watts <feel better now> after I found out he was running 70 watts. My RST went down to only 599. ;=( Dennis is going through the learning curve with a paddle/keyer, and he's doing fine.

After closing a pleasant 41 minute chat with him, Rody WA9QWK called. He is a retired Chicago boy now living in Tucson, AZ. More 599+ copy both ways for 27 minutes. I think both stations are about 800 miles from my South SF Bay location. No 1000-miles-per-watt award, but two very enjoyable QSOs.

That was the meat and potatoes. Here's the gravy. Today (Monday) I was surprised to receive nice letters and QSLs from both of them, and Rody wrote "Ur QRP 5wt doing FB into AZ land. WOW!!"

The enthusiasm in these letters made my day.

73,  
Russ N7DW

Edward A Kwik jr wrote:

> Ed,  
> My experience is that the DX stations get a real kick out of finding out  
> your are QRP. I have had a lot break out of the 'rst op qsl via buro'  
> type of qso to add more info or to ask what rig and antenna I am using.  
> I think the serious DXers also think themselves as serious weak signal  
> ops and working a weak one is almost as good as working a rare one.

-----  
Date: Tue, 31 Aug 1999 00:42:56 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "William R. Colbert" <af852@rgfn.epcc.edu>, <qrp-1@lehigh.edu>  
Subject: [48893] Re: Help With Transistor Identification  
Message-ID: <015901bef375\$5b179d30\$7866d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: William R. Colbert <af852@rgfn.epcc.edu>  
To: rules@bellsouth.net <rules@bellsouth.net>; qrp-1@lehigh.edu <qrp-1@lehigh.edu>  
Date: Monday, August 30, 1999 12:17 PM  
Subject: Re: Help With Transistor Identification

Hi Ray,

>One of my sub books also showed as equivalent to a R/S 276-2053 -  
>which I think is same as the 2n2053?

Thanks for the info, and glad to know that RS has a cross for the thing!  
Have a RS 3 blocks away, and buying from them beats the ever-living  
heck out of buying from the local industrial electronic store.

Don't know if the 2N2053 crosses with the RS part, but we can only  
hope that it does. Anyone have a price on the RS 276-2053?? Anyone

design a rig based around this puppy? Looks like it would be a real winner for an DDS, all-band rig if it isn't too expensive in lots of 500 or so, I'd imagine??? Hmmmm. How about a 2N3553 driver, 2N2222A buffer/amps, a 5 pole (7 pole worth it here?) low-pass filter, an up-converted IF, a TiCK 4, an LM380N audio amp, and a digital SCAF filter? Yeah -- the rig would draw a lot of current, but it would rock as a fixed, home-station rig! :^)

BTW, why isn't the LM380N used all that much in the QRP world? Looks like it is a great performer. I'm sure that it draws more current and is more expensive than the LM386 (don't have any data books, of course) but couldn't u current-limit the chip when the rig was in a battery-saving mode and at least get some semi-decent audio? If you could do this, what kind of problems would/could you run into? Is price the culprit here? If so, would you have a significant savings in 500-1000 lot orders?

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Tue, 31 Aug 1999 01:08:43 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48894] Proximity Switched Keyer??  
Message-ID: <016901bef377\$ce2a2980\$7866d6d1@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Had another hmmm again when I was playing around with a clothes pin keyer this afternoon, and I was wondering if anyone out there ever built a keyer that used a pair of de-bounced proximity switches as an iambic keyer? If so (I'm sure someone out there has tried this, how did it work, and what kinda' "feel" did it have to it?

I was thinking that, with proper mechanical design, a keyer like that should last forever (no contacts to wear out), and it would seem that you could give it a great feel with a good bit of thought and planning(?). So, what gives with this type of keyer?

72/73,

----

Randy Jouett, AB5NI

-----  
Date: Mon, 30 Aug 1999 23:39:53 -0700  
From: "Dave Fifield" <fifield@pacbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48895] Morse Code Reader, 2-Line LCD?  
Message-ID: <001d01bef37b\$a2404300\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone built the PIC based Morse code reader from QST and modified the code for a 2-line LCD? I downloaded the code but can't see any comments in it that give me a clue as to what to change to make it work on a 2-line display.

Can anyone help?

72, Dave, AD6A

-----  
Date: Tue, 31 Aug 1999 08:27:01 +0200  
From: Eim Mulder <mulder@nfra.nl>  
To: mganthon@unity.ncsu.edu  
Cc: QRP-L@Lehigh.EDU  
Subject: [48896] Re: XTALs in PSpice  
Message-ID: <s7cb91ef.006@server4.nfra.nl>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: quoted-printable  
Content-Disposition: inline

Here (by the NFRA) where I supposed to be working on this moment, RF = engineers are using Pspice for their design. Unfortunally on this moment = still a lot of them are on holidays. As soon one of them is back I'll ask = if some one have the requested modell.

Eim-----PA3CMD

-----

Date: Tue, 31 Aug 1999 02:40:32 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Subject: [48897] Simple Web Page Design Program Sought  
Message-ID: <NBBBJDEEIFDDANGEGHLBEECBGMAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking for a relatively simple Web Page Designer. I HAVE MS Front Page 2000 & Dreamweaver 2... but neither one is intuitive enough to sit down, make a banner, add some buttons, link 'em to the next page by category, etc. etc. At least, they don't seem that way to me. I've made some pages, but always seem to bog down trying to find buttons, get 'em to work... etc. I am accustomed to being able to sit down and work my way into operation of a given program... but so far, both of these have resisted my efforts. I have made some progress with both... but-in frustration-I thought I would get a sampling of what everybody recommends.

OK... admittedly I haven't done either one's tutorials... and if that's what it takes, I'll do it. But that's not what I usually have to do-and so I wonder if there is a simpler, but useful program?

P.S. Please excuse the BW

72 / 73 Ed N4XY Elecraft K2 sn: 000057

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770) 971-0436

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography

~~~~~  
"Begin at the beginning... and go on until you come  
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"

-----  
Date: Tue, 31 Aug 1999 03:43:05 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: QRP-L Reflector <qrp-l@lehigh.edu>





E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715 =20

-----  
Date: Tue, 31 Aug 1999 09:48:30 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <SFIKE@twa.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [48899] Re: begginer  
Message-ID: <013501bef38d\$a006efa0\$cca732d4@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Check out my web page especially the FAQs.  
Best wishes

...  
Frank G3YCC G QRP 042, G QRP Sales Officer.  
QRP web page <http://www.karoo.co.uk/g3ycc/>  
ICQ 47220843

-----  
Date: Tue, 31 Aug 1999 09:50:19 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <n4xy@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [48900] Re: Simple Web Page Design Program Sought  
Message-ID: <014001bef38d\$eb9e21e0\$cca732d4@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Arachnophilia is the one I use - got it from the web somewhere!  
If you need any help with web page design, ask and will try to help  
Cheers

...  
Frank G3YCC G QRP 042, G QRP Sales Officer.  
QRP web page <http://www.karoo.co.uk/g3ycc/>  
ICQ 47220843

-----

Date: Tue, 31 Aug 1999 02:13:59 PDT  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: mganthon@unity.ncsu.edu, qrp-l@Lehigh.EDU  
Subject: [48901] Re: XTALs in PSpice  
Message-ID: <19990831091400.47141.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>I'm looking for a way to model a XTAL in PSpice schematics. I want to do  
>some experiments on some of the published designs as a learning project,  
>but  
>I'm not sure how to model the crystals, and I can't find a model in the  
>default libraries, any help would be much appreciated. Please send

Simply use the equivalent circuit, I think it's in the ARRL Handbook. You'll  
need to measure the various parameters for the xtals you are using, of  
course.

73, Leon

Leon Heller, G1HSM  
Tel (work): +44 (0)1327 357824  
Tel (mobile): +44 (0) 79 9098 1221  
Email:leon\_heller@hotmail.com  
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

-----  
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-----  
Date: Tue, 31 Aug 1999 07:16:23 -0400  
From: Allen Randy <Allen\_Randy@prc.com>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [48902] One of our own honored  
Message-ID: <F8C78F2FB4E8D211B68E00600815C29F6CD851@mc15.prc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

One of our own list members, Scott Rosenfeld, N7JI, was nominated for the

ARRL's "Herb S.

Brier Instructor of the Year" award.

There may be others, but I recognized Scott's name from his postings to the list. Not only is this list a great source for the QRP community, but obviously the list members are a source for those entering the hobby, as well.

Congratulations, Scott.

73, Randy Allen, N4TVC

-----  
Date: Tue, 31 Aug 1999 20:50:07 +0800  
From: Sylvester <cqsly@tm.net.my>  
To: <qrp-1@Lehigh.EDU>  
Subject: [48903] Re: One of our own honored  
Message-ID: <19990831125007.GG0B1712@User>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Randy & Gang,

Tks fer pointing that to us, Randy!

After subscribing to the lists accidentally from some qrp homepage I went, I have to agree that this is the place to be, as you say: '...a great source for the QRP community, but obviously the lists members are a source for those entering the hobby, as well.'

In the past few weeks, I have seem many elmers(as you Americans called them) patiently giving help to beginners, writing about what to built and their experiences, where to find and source radio stuffs, and a whole lot more. I, for one certainly feel that this is the place where 'good people and great stuffs on radios are to be found.' Thanks gangs.

72/73 de Sly, 9M8SL  
fm 'The Hidden Paradise of Borneo'

At 07:16 AM 8/31/99 -0400, you wrote:

>One of our own list members, Scott Rosenfeld, N7JI, was nominated for the

>ARRL's "Herb S.  
> Brier Instructor of the Year" award.  
>  
>There may be others, but I recognized Scott's name from his postings to the  
>list. Not only is this list a great source for the QRP community, but  
>obviously the list members are a source for those entering the hobby, as  
>well.  
>  
>Congratulations, Scott.  
>  
>73, Randy Allen, N4TVC  
>  
>

-----  
Date: Tue, 31 Aug 1999 08:58:52 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [48904] Re: Help With Transistor Identification  
Message-ID: <37CBD18C.B400736F@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've used it in a WBFM receiver and Dave used on in his 10/18 MHz CW receiver.--  
Zack  
W1VT

-----  
Date: Tue, 31 Aug 1999 09:14:46 -0400  
From: Tim English <tje@usol.com>  
To: qrp-1@lehigh.edu  
Subject: [48905] NEW Gel Cell Batteries  
Message-ID: <4.2.0.58.19990831090449.009991a0@mail.usol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have a source of brand new 12 volt 7.2 AH gel cell batteries. They are rated with Yuasa brand quality. In the past I have used USPS priority mail service for shipping but due to so many problems and damage I will only ship via UPS now to the continental US. These batteries are factory fresh and in use by my alarm company at this time. Price is \$19 per battery PLUS UPS shipping. They weigh 7 pounds. Before I place an order though I would like to see a "show of hands" of who is interested in some of these

batteries. They come fully charged and ready for action. Please email me with a count of how many you would be interested in.

--

Tim, K8TJ

-----  
Date: Tue, 31 Aug 1999 09:16:50 -0400  
From: "Scott, Gary" <gary.scott@bellhowell.infolearning.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48906] RE: XTALs in PSpice  
Message-ID: <ACB991DAAFC9D011B0A700805FC1AF1804D50AF6@zeeb-nt01.umi.bhowell.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Try this site for crystal modeling

<http://www.penton.com/mwrf/library/penton/archives/mrf/April1997/70.htm>

> Bell & Howell Information and Learning (formerly UMI)  
> Gary Scott  
> Supervisor of Electronic Technical Support  
> Phone: 1-800-889-3358 ext: 2385  
> Fax: 1-734-662-4554  
> Email: Gary.scott@bellhowell.infolearning.com

> -----  
> From: Leon Heller[SMTP:leon\_heller@hotmail.com]  
> Reply To: leon\_heller@hotmail.com  
> Sent: Tuesday, August 31, 1999 5:13 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: XTALs in PSpice

>  
>  
>  
> >I'm looking for a way to model a XTAL in PSpice schematics. I want to do  
> >some experiments on some of the published designs as a learning project,  
> >but  
> >I'm not sure how to model the crystals, and I can't find a model in the  
> >default libraries, any help would be much appreciated. Please send  
>  
> Simply use the equivalent circuit, I think it's in the ARRL Handbook.  
> You'll  
> need to measure the various parameters for the xtals you are using, of

> course.  
>  
> 73, Leon  
>  
> Leon Heller, G1HSM  
> Tel (work): +44 (0)1327 357824  
> Tel (mobile): +44 (0) 79 9098 1221  
> Email:leon\_heller@hotmail.com  
> Web page: <http://www.geocities.com/SiliconValley/Code/1835>  
>  
>  
>  
>  
>  
>  
> -----  
> Get Your Private, Free Email at <http://www.hotmail.com>  
>

-----  
Date: Tue, 31 Aug 1999 09:23:37 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [48907] Transistor Substitutions  
Message-ID: <19990831.132146.6991.6.n4so@juno.com>

#### Data Sheet / Cross Reference Chart

This file has been updated with info on the DSW series,  
Elecraft K2 and NorCal-20.  
Ask for transub.txt if you want a copy.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam  
62 countries with A35RK Tonga

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Tue, 31 Aug 1999 06:38:15 -0700  
From: David Shalita <af389@lafn.org>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Cc: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>

Subject: [48908] Scope Probes for TEK 485  
Message-ID: <37CBDAC7.33F11D16@lafn.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,  
Any TEK 485 scope owners out there?  
Any 350 MHz or faster scope owners can help too.

What are you guys using for the HI Z 10MEG 350 MHZ or faster probes? I need your help.

My probe grabber tips are just not holding onto wires.  
Also, what is a good method to create a STABLE makeshift short ground lead?

Did anyone figure how to make a socket to plug the probe into on copper ugly board projects for hands free, short ground lead operation?

The 485 SCOPE is a real sleep, fine scope....so handy!  
It syncs on and displays local oscillators well above 400 mhz, where SEEING waveshape is important and amplitude is NOT.

Thanks for any help.  
73, W6MIK

--

David Shalita (Dave)  
af389@lafn.org  
Van Nuys, CA

-----  
Date: Tue, 31 Aug 1999 08:40:37 -0500  
From: "Mark Hogan" <mhogan@email.msn.com>  
To: "QRP LIST" <qrp-l@Lehigh.EDU>  
Subject: [48909] SST---Thanks  
Message-ID: <00d201bef3b6\$9608f740\$6ae60181@mhoganws>

Thanks to those that gave my input on my SST last week. When I looked inside there were some extra chokes in line with the original RFC3 which increased the bandwidth and dropped the split. They were however almost touching the case. When I had my finger on that side of the case while tuning, the rig appeared to change in freq. a little as I took my hand away from the case. I moved these away from the case and this stopped. I then reduced the value of RFC3 and now have a rig that will go up to 7043.5 this will let me get on the AR-QRP net with a real QRP rig. Yesterdays fox hunt



announcement did not hurt either, now the rig has the right split for that also.

I set the power to less then a watt `750 - 900mw, (the MFJ is not too precise, WM2 is still a dream away). So I'm at least starting to milliwatt. I need to do some antenna work and put new feedline up in the next few weeks then I'll cut the power some more.

So there you have it, I'll be on 40 from time to time with my Speed-X bug (ouch) or for a real challenge the Schurr mini straight key (what a dream) trying to send at the same slow speed I copy, if ya hear me and feel up to the challenge of my fist (I'm sure I make anyone else look like a PRO CW Op) I'll welcome the reply (and those guys on 30 are probably glad to get a break from me and my 38s).

Mark Hogan / N50BC

-----  
Date: Tue, 31 Aug 1999 09:57:12 -0700  
From: paul taylor <ptay1@bestweb.net>  
To: qrp-l@Lehigh.EDU  
Subject: [48910] FS  
Message-ID: <3.0.32.19990831095708.0068b130@bestweb.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

FOR SALE

Tac1 40m with keyer factory assembled reduced to 210.pp  
Palomar tener tuner tune w/o xmt 25 pp  
paul taylor wb2gin

-----  
Date: Tue, 31 Aug 1999 08:04:17 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Bcieslak@ra.rockwell.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48911] Re: Fox QSL's  
Message-ID: <Pine.LNX.3.95.990831075931.27504B-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think it's a good idea Brian....I will follow this thread and participate if it takes off...right now, with the Canadian government

extra tax on stamps, it costs me .60 cents for each .55 cent stamp that I need to mail a qsl direct to the U.S....thanks....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----  
Date: Tue, 31 Aug 1999 07:07:37 -0700  
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48912] Re: Long wire??  
Message-ID: <004c01bef3ba\$2f5c5740\$b309480c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Wallace estate has been converted the Wallace Ranch developement - beautiful tract homes with a view of the Pacific Ocean and CC&Rs which prohibit antennas!

Kevin K Asato  
KC6POB  
Customer Service Engineer  
PairGain Technologies  
800.638.0031 (tech support)  
888.769.4765 (pager)

-----Original Message-----

From: Phinizy, William <wphinizy@filenet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Monday, August 30, 1999 12:35 PM  
Subject: Re: Long wire??

>Ron and the group, here is a URL which will give you a better idea of what  
>Don Wallace's antenna farm looked like:

>  
> <http://home.swipnet.se/dx/porthole/w6am1.htm>

>  
>I don't have to tell you that his estate (on Palos Verdes, overlooking the  
>Pacific Ocean) is some prime real estate!

>  
>

-----  
Date: Tue, 31 Aug 1999 07:10:57 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [48913] milliwatting on 17M  
Message-ID: <19990831141057.17677.rocketmail@web703.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Anyone want to try some milliwatting on 17M?

I'd love to make a sked with you and see what we can do with this band.

Any state is OK. Email me via Yahoo add. or my main email add is kj5tf@madisoncounty.net

Thanks, de Jim - KJ5TF - near Red Star, Arkansas

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Tue, 31 Aug 1999 10:41:19 EDT  
From: GElam30092@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48914] Small Wonders DSW.....  
Message-ID: <b7c778ba.24fd438f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Can someone who has a DSW contact me off-list? I have a question relating to operation of this radio and would appreciate a little clarification!

Thanks.....  
Gerry  
PHX AZ

-----  
Date: Tue, 31 Aug 1999 10:43:56 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>

To: QRP List <qrp-l@lehigh.edu>  
Subject: [48915] FOX: Digest Readers May Still Apply  
Message-ID: <Pine.OSF.3.95.990831103613.622B-100000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Incredibly I was repremanded for not allowing digest readers the "chance" to apply for a Fox position.

That's simply not true. There is still PLENTY of time for ANYONE interested in applying for a fox position to email me with the following info in the SUBJECT LINE...

FOXAP: yourcall (previousfox Y/N) state/prov. rig power antenna  
like this

FOXAP: W8KC Y MI 4W NC-40 DIPOLE

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Tue, 31 Aug 1999 22:46:24 +0800  
From: Sylvester <cqsly@tm.net.my>  
To: <qrp-l@Lehigh.EDU>  
Subject: [48916] Re: begginer  
Message-ID: <19990831144624.ZVA26148@User>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:48 AM 8/31/99 +0100, you wrote:  
>Check out my web page especially the FAQs.  
>Best wishes  
>...  
>Frank G3YCC G QRP 042, G QRP Sales Officer.  
>QRP web page <http://www.karoo.co.uk/g3ycc/>  
>ICQ 47220843  
>  
Hi Frank and gang,

Your site really have a lot of qrp stuffs, vy informative...  
I check-in at least once a week to look at the latest u posted.  
Thanks for an informative qrp site, and incidentally your site brings me to  
the qrp-l lists.  
Thanks agn.

72 de sly, 9M8SL  
fm 'The Hidden Paradise of Borneo, East Malaysia'

-----  
Date: Tue, 31 Aug 1999 10:53:01 -0400  
From: "Armin Hachmer" <armin@muskoka.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [48917] need date and location of VA.Beach Hamfest please  
Message-ID: <002d01bef3c0\$8b2b6560\$dfafd4c7@muskoka.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

missed it last year and read all the glowing reports.  
Would like to attend this year.  
Armin Hachmer VE3TEQ  
'Life is a contactsport'  
armin@muskoka.com

-----  
Date: Tue, 31 Aug 1999 08:21:25 -0700  
From: Dave Barrett <DBarrett@creo.com>  
To: "'n4xy@att.net'" <n4xy@att.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48918] RE: Simple Web Page Design Program Sought  
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313B2F@msgcreo2.creo.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Hey Ed / Gang

Check out the operation of HotDog by Sausage Software, its  
very reasonably priced and is really easy to use, its drag-n-drop and works  
great.

There is a free downloadable trial offer too.

I agree, software should be intuitive and easy to learn and should make our

lives easier rather than harder (try learning HTML)!! :-(  
Dave VE7PCC Vancouver BC Canada

-----Original Message-----

From: Ed Tanton [mailto:n4xy@att.net]  
Sent: Monday, 30 August, 1999 11:41 PM  
To: Low Power Amateur Radio Discussion  
Subject: Simple Web Page Design Program Sought

I am looking for a relatively simple Web Page Designer. I HAVE MS Front Page 2000 & Dreamweaver 2... but neither one is intuitive enough to sit down, make a banner, add some buttons, link 'em to the next page by category, etc. etc. At least, they don't seem that way to me. I've made some pages, but always seem to bog down trying to find buttons, get 'em to work... etc. I am accustomed to being able to sit down and work my way into operation of a given program... but so far, both of these have resisted my efforts. I have made some progress with both... but-in frustration-I thought I would get a sampling of what everybody recommends.

OK... admittedly I haven't done either one's tutorials... and if that's what it takes, I'll do it. But that's not what I usually have to do-and so I wonder if there is a simpler, but useful program?

P.S. Please excuse the BW

72 / 73 Ed N4XY Elecraft K2 sn: 000057

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770) 971-0436

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography

~~~~~  
"Begin at the beginning... and go on until you come  
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"

-----  
Date: Tue, 31 Aug 1999 11:22:39 -0400  
From: wgabriel@dukeengineering.com  
To: qrp-l@Lehigh.EDU  
Subject: [48919] Va Beach (and other) Hamfest

Message-ID: <852567DE.00547B42.00@dpinet01.dukepower.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

I'll supply the following for those asking about the Va Beach HF. Will also see if I can find out if the date below is still good and if not, let ya'll know. The two SERA reps below or W4CC at the end of the list could offer additional help if needed too. So far have not found out if there is a specific web site for the Va Beach HF.

I hope this sends ok - I cut and pasted it from other sources.

72 - Watson/WB4EXW

Southeast Repeater Association (SERA) reps:

VIRGINIA (EAST) - Mike Brigham, W1CLS w1cls@sera.org

VIRGINIA (WEST) - Lyle T. Palmer, KI4BH ki4bh@sera.org

-----  
-----

#### 1999 Carolinas Hamfest Calendar; revised 4/20/99

All events are in North Carolina unless otherwise indicated. Dates below are subject to change. Dates marked with an asterisk are unconfirmed and are based on dates from previous years or from tentative dates published in the SERA Repeater Journal and QST.

Jun 26 (Sat):	Monroe Hamfest
Jul 3 (Sat):	Salisbury Hamfest
Jul 17 (Sat):	Cary Hamfest
Jul 31 (Sat):	Western Carolina Hamfest, Waynesville
Aug 21 (Sat):	Roanoke VA Hamfest
Sep 4-5 (Sat-Sun):	Shelby Hamfest
Sep 18-19 (Sat-Sun):	Virginia Beach Hamfest
Sep 26 (Sun):	Butner Hamfest
*Oct 2 (Sat):	Rock Hill SC Hamfest
Oct 9 (Sat):	Augusta GA Hamfest
Oct 10 (Sun):	Maysville Hamfest
Oct 16 (Sat):	Tri-Cities Hamfest, Gray TN
Oct 23 (Sat):	Hickory Hamfest
Oct 23 (Sat):	Sumter SC Hamfest
Oct 23 (Sat):	Chattanooga TN Hamfest
Nov 6 (Sat):	Myrtle Beach SC Hamfest

Nov 21 (Sun): Benson Hamfest  
Nov 27 (Sat): Greensboro Hamfest  
\*Dec 11 (Sat): Union SC Hamfest

Changed since last time: none

--

John Covington W4CC            Hamfest Info: NCHamfest@aol.com  
P.O. Box 217122            Personal: w4cc@arrl.net  
Charlotte, NC 28221-7122   Packet Radio: W4CC@W4BFB.#CLT.NC.USA.NOAM

-----

Date: Tue, 31 Aug 1999 08:54:03 -0700  
From: "Bill Todd" <bill@willapabay.org>  
To: <nwq-1@scn.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [48920] Temporary e-mail address  
Message-ID: <003801bef3c9\$11088660\$cdadded1@bill>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Group(s) -

I will be working a temporary position up in Port Angeles, WA starting tomorrow. So, any mail sent to me at the bill@willapabay.org address will not be responded to until Saturday of each week.

Therefore, being the crafty little bugger that I am, I set up one of those Hotmail accounts so that I can check my e-mail from work. My temporary e-mail address will be: zapzap73@hotmail.com

I will be taking an ancient Swan Cygnet with me with an extremely flat 6LQ6 final, so I am certain that I will qualify for QRP levels. So, I will still be able to make it for the Monday evening NW QRP Net at 6:30 PM on 3710. I'll also bring along Roger, K7RXV's 30 meter SST. I will NOT have a TV (oh...can't I bear it?).

CUL, Bill-N7MFB  
<http://www.willapabay.org/~bill>

-----



Date: Tue, 31 Aug 1999 08:49:30 -0700  
From: william h ross <k6mgo@juno.com>  
To: qrp-1@Lehigh.EDU  
Cc: antennas@qth.ne, esoults@cyber-dyne.com  
Message-ID: <19990831.085212.-3997147.0.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

My friend, still has the following items for sale.

Please contact him directly for information and prices His name is Ed,  
AA7GM  
Phone, 541-683-1059 or email "esoults@cyber-dyne.com

KENWOOD                    TS-850S/AT 100 MEMORIES

MFJ                                MFY-422B-X ELECTRONIC KEYS

JPS                                JPS=ANCA-4 ANTENNA NOISE CANCELLER

ASTRON                        RS-10A POWER SUPPLY

ASTRON                        RS-35A POWER SUPPLY

OSCILLATOR AND KEY FOR CODE PRACTICE.

ONE MFJ COAX 4 POSITION SWITCH

ONE MFJ COAX 2 POSITION SWITCH

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----

Date: Tue, 31 Aug 1999 12:01:45 -0700  
From: JPD <jdanter@mail.i-america.net>  
To: qrp-1@Lehigh.edu  
Subject: [48922] <http://www.vahamfest.com>  
Message-ID: <37CC2699.6D91@mail.i-america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

18-19 Sep  
1999

\*

Virginia State Convention  
<http://www.vahamfest.com>  
Contact:

Art Thiemens, AA4AT  
2836 Greenwood Rd.  
Chesapeake, VA 23321  
Phone: 757-484-2857  
Email: aa4at@arrl.net

Virginia Beach,  
VA  
Div: Roanoke  
Sect: Virginia

-----  
Date: Tue, 31 Aug 1999 12:15:42 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-1@lehigh.edu  
Subject: [48923] FS: KD1JV 11-2-10 CB Conversion kit w/MCB-30 CB Transceiver  
Message-ID: <db608020.24fd59ae@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

QRPers:

This kit is used to convert an MCB-30 CB from 11 meters to 10 meters. It is brand new and unopened. Also included are the MCB-30 CB Transceiver (new in box with mike and power cable), and all diagrams and instructions.

\$65.00 shipped is USA (lower 48) -- personal checks fine!

Please contact me here or:

Howard Weinstein K3HW  
4041 Ridge Ave. Apt. 4-405  
Phila PA 19129

HWRM1SS@aol.com

H - (215) 843-1180  
W - (215) 430-9095 ext 6473

Tnx es 72,

Howard K3HW

-----  
Date: Tue, 31 Aug 1999 12:51:43 EDT  
From: PDouglas12@aol.com  
To: QRP-L@lehigh.edu  
Subject: [48924] FS NW20  
Message-ID: <2e1c01de.24fd621f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm doing some slow shack clearing. No, I'm not moving, and certainly not to AZ. Too many Texans going there. :-)

I have an NW20 in a Chuck Adams case (not the custom-punched and labeled NW case that Roy Gregson developed later but the same size case). It has an attractive front panel, though. It also has the variable IF width mod, and the audio filter, as well as the usual RIT and internal speaker. It puts out a solid 5 watts and drives the speaker to loud volume.

Note, the BFO/filter combination doesn't seem to want to let me set the centers of the IF filter and audio filters to the same place, so when the IF filter is at its narrowest, the audio filter is off. I suppose I could fiddle some with this, but since I never needed both filters at once, I never bothered--and I have a lot of QSOs with this little rig. The receiver, as it is, is superior to most of the current crop of competing kits, and I've built or seen most of them.

So, I would like to sell this radio for \$80 postpaid. Any takers?

Preston WJ2V

-----  
Date: Tue, 31 Aug 1999 12:08:46 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48925] Proximity Switched Keyer Clarification  
Message-ID: <006401bef3d3\$a7d00730\$28e498cd@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks for all of the replies, guys, but I think I might need to clarify my previous statement a tad. What I'm talking about here is magnetic proximity detection, and not capacitive pickup.

A lot of people here on the list have mentioned the Heath Kit capacitive-membrane kit, and I have to agree with them when they say that -- to put it bluntly -- it sucked! :^) I guess I should have mentioned that I was thinking along the lines of magnetic proximity detection, like the proximity pair that Radio Shack sells. We've used them here in the field (oil rig SCADA) for years, and have had nothing but years of great success with the things!

The idea would be to build the keyer as normal, but instead of the contacts touching each other for physical connection, the lever would move into the electromagnetic field, induce a voltage, and "key" the thing. You could put an adjustable "stop" (hard plastic or something) that would stop the magnet physically and give some it some "feel," yet it would still be close enough to the other piece of metal to induce a voltage and allow it to still act as a proximity switch. You could even make the stopper out of aluminum to give them the metal-to-metal contact touch and sound that would emulate what we've been hearing and feeling all these years :^).

IMHO, this would probably work really well and would make a great kit for one of the QRP clubs. I'd do it myself, but I'm too busy these days with other projects, and time is a big concern.

If someone does decide to pick up the ball and run with this (if they think this idea is worth a hoot), I would love to be in on the design plan at a distance and would only ask that you send me a keyer to play with or give a few of them away as a door prize or another ham in need.

Anywho, I think that a keyer built this way would not only last forever and a day, but it would have the best of both worlds (mechanical feel/sound and no contact wear) and would be up there with sex, Pink Floyd, Altoid tins, and Guinness beer :^). OTOH, maybe I'm giving this idea too much credit and need to drop back 10 yards and punt??? (Shrug.) It seems to me that someone out there has to have thought of this before. The idea is just too simple to have been passed over by so many talented brains that we have here in the ham radio world.

72/73,

----

Randy Jouett, AB5NI

-----

Date: Tue, 31 Aug 1999 10:19:16 PDT  
From: Roger Traylor <traylor@ECE.ORST.EDU>  
To: qrp-1@lehigh.edu  
Subject: [48926] info on S53A  
Message-ID: <199908311719.KAA26345@tongu.ECE.ORST.EDU>

Gang,

20m was hot last night at 10pm pst. Heard and worked S53A running 1.5 watts. How can I find out who he is and where he is located? Is there a dx callbook that one uses to find out this info? How does one qsl such a station? I'm new to this dx stuff.

also heard: ZL3JF, UX0ZA, RV9CP, OK1TN, UA0FZN, JM3APP, SP6GCU

Roger Traylor  
WB4TPW

-----

Date: Tue, 31 Aug 1999 10:22:26 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: traylor@ECE.ORST.EDU  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48927] Re: info on S53A  
Message-ID: <37CC0F52.D9300CFC@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The following url may help:

<http://WWW.DXBANDS.COM/>

Tks for the activity report!

Phil

Roger Traylor wrote:

>

> Gang,  
 > 20m was hot last night at 10pm pst. Heard and worked S53A  
 > running 1.5 watts. How can I find out who he is and where  
 > he is located? Is there a dx callbook that one uses to  
 > find out this info? How does one qsl such a station?  
 > I'm new to this dx stuff.  
 >  
 > also heard: ZL3JF, UX0ZA, RV9CP, OK1TN, UA0FZN, JM3APP, SP6GCU  
 >  
 > Roger Traylor  
 > WB4TPW

-----  
 Date: Tue, 31 Aug 1999 10:30:44 -0700  
 From: Allan G Taylor <k7gt@arrl.net>  
 To: qrp-l@lehigh.edu  
 Subject: [48928] Wanted: Sierra 20m, 15m modules  
 Message-ID: <37CC1144.7D40@arrl.net>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

Does anyone have a 20m and/or 15m module for the Wilderness Radio  
 Sierra they would be willing to part with?

Allan K7GT

--

	/	
	/	
Allan Taylor K7GT	/Z  \	FISTS 3222 ARS 228
k7gt@arrl.net	/  /599  \	DXCC and WAS 40/cw
Pleasanton CA CM97aq	/_ /____ __\	<a href="http://www.qsl.net/k7gt">http://www.qsl.net/k7gt</a>
...QRO, QRP, or barefoot.....	[\-----/	

~~~~~

-----  
 Date: Tue, 31 Aug 1999 10:49:20 -0700  
 From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
 To: <qrp-l@lehigh.edu>  
 Subject: [48929] What Kit Should I Build? #5 in a Series  
 Message-ID: <01bef3d9\$27b0bee0\$630a0d0a@doug.dpol.k12.ca.us>  
 MIME-Version: 1.0  
 Content-Type: text/plain;  
     charset="iso-8859-1"  
 Content-Transfer-Encoding: 7bit

By now we have a VE3DNL marker generator, a TiCK keyer, a SWL+ CW transceiver and an Emtech ZM-2 tuner. What we need next is an antenna or as the Arizona ScQRPions say, an antler. Antennas are like opinions, everyone has one. This recommendation will cover two antennas, one for the home station and for taking into the field.

First the home station. We want something here that will give us all band coverage, cheap, and easy to put up. We also want the lowest loss we can have in the feedline. My choice here is the ladder line fed dipole that is 135 feet long and tuned with a tuner (now you know why we build the ZM-2). The ZM-2 will allow you to have a low SWR on all bands. This antenna is built using #18 or bigger copper wire. Take a 135' piece of wire and cut it in half. Then, you need a center insulator. My recommendation is that you buy the "Ladder Grabber" for \$7.95 from Emtech. This neat little center insulator is made to hold ladder line. You attach the two wires to the center insulator, then the ladder line, and everything is supported by the center insulator. You then pull it up and get it as high as you can. L.B. Cebik, W4RNL who is a QRP Hall of Famer, has one of the best antenna web sites that I know of. He discusses this very antenna and has lots of antenna charts that show the patterns of the antenna on various bands. Here is the url for that article <http://www.cebik.com/gup5.html> I strongly urge you to visit L.B.'s site.

When you build this antenna, you have a good general purpose antenna that will work on all bands, is easy to build, and won't cost an arm and a leg. What do you need?

135' of #18 or bigger wire. Radio Shack used to sell some copper stranded wire that was #16 that is perfect for this application. But any wire will do, and it doesn't matter if it is bare, coated, or enameled.

Lengths of rope, string, wire, something to tie off the ends.

End insulators. Anything works here. Egg insulators, PVC pipe that has been drilled, 1" PVC couplings (schedule 40) etc. Or, if you use rope, make a loop in the antenna wire and don't use an insulator.

Emtech "Ladder Grabber"

Length of ladder line to reach your tuner. You must use a balanced line tuner here, and the Emtech ZM-2 has a balanced line input. I buy my ladder line from the Wireman. He advertises in QST and has a website. Here is the url for the ladderline.

<http://www.thewireman.com/balancep.html#553>

I recommend that you buy the 553 at \$.16 a foot or the 562 at \$.18 per foot. They are lighter in weight and easier to handle. Be sure to buy plenty as

you don't want to splice it.

Another alternative is to buy some 300 ohm tv twin lead. It works fine, but is not nearly as durable as the ladderline. The antenna will cost you about \$30 depending on your location (how high, etc, length of feedline).

Now for the second alternative. What if you have a small lot? Can't put up a 135' wire? Joe Everhart, N2CX is the guy on the white horse galloping to the rescue. He sells the best antenna kit out there for an antenna if you don't want to build the above antenna. I'm talking bang for the buck here guys. This is value. I'll let Joe describe the kit. The kit comes with high quality parts, and the manual is excellent, especially if you have never put up an antenna before. Are you reading this new guys on the block? Get this kit if you are unsure of how to build a good dipole. And yes, your ZM-2 will tune this thing too!

My advice is to build both of these, the 135' Ladderline Dipole for home, and the Gusher for the field or portable use. I use mine a lot, especially when I go camping. The nice thing about the gusher kit is that Joe provides everything you need, and the price is right.

Info below provided by Joe Everhart, N2CX

Gusher-2L Multi-band Portable QRP Antenna

- 1 pound dipole ideal for portable use as an inverted vee
- Can be configured for multiband use
- Complete with all parts - you cut to length
- 14 page configuration/application manual

Gusher Classic

- 1 pound dipole ideal for portable use as an inverted vee
- You cut it for any single band from 40-10 meters
- Complete with all parts - you cut to length
- 10 page configuration/application manual

Gusher 20-20 Economy 20 meter QRP Dipole

- 1 pound (-) dipole ideal for portable use as an inverted vee
- Similar to the Classic precut for 20 meters
- 5 page info pamphlet

All antennas are supplied with complete cutting and application info.

Prices:

Gusher 20-20    \$19.00 -special price- postpaid (US)  
2 for only \$35.00 postpaid

Gusher-2L        \$25.00 plus \$3.00 postage



Gusher-Classic \$22.00 plus \$3.00 postage

Postage is for US addresses. Contact me for foreign postage

Antennas are usually in stock and will be mailed promptly to US addresses. Contact me for foreign postage info.

For additional info contact:

n2cx@voicenet.com

or write to

Joe Everhart, N2CX  
214 New Jersey Rd  
Brooklawn, NJ 08030

The Gusher antennas are simple dipoles with small diameter hookup wire for the elements, a sealed center insulator and an RG-174 feedline. They are intended for use as portable inverted vees. A similar antenna was first used by K6MDJ and called the BIC Flamethrower since its center insulator and end insulators were made from a sawed-apart disposable lighter. The PVC Gushers use plastic pipe parts - a slip cap for the center insulator (sealed for weather-proofing) and short sections of PVC pipe for end insulators. 35 foot coaxial feedlines are permanently attached for strength and are terminated at the far end by a BNC connector. Total weight for either antenna is approximately one pound and they can be carried in a plastic zipper bag for portable use.

There are three Gusher models, the Gusher Classic, Gusher 2L and the Gusher 20-20. The Classic model has wire elements permanently attached and can be cut for a single HF band between 40 and 10 meters. The Gusher-2L is more sophisticated with protruding studs and wing nuts on the center insulator on to which removable wire elements can be attached.

Multiband operation can be achieved by replacing wire elements or by constructing either a "leapfrog" or "fan" dipole. All components are included with the Gusher 2L for several multiband configurations. The Gusher 20-20 is an economy version of the Classic pre-cut for 20 meter (only) use in recognition of the recent availability of a very popular 20 meter QRP rig.

Detailed illustrated manuals are included with all three antennas with complete construction information. Single band configurations of either antenna can be constructed and on the air in less than 15 minutes. As mentioned above the 20-20 is supplied "ready to roll" all you need to

do is hoist it up in the the air, hook up your rig and start operating!

\*\*\*\*\*  
\*\*\*\*\*

### Gusher 2-L

The 2-L is the premium Gusher antenna. As can be seen in the accompanying photograph (gush.jpg), it includes the following:

- a sealed center insulator with attached feedline and attachment screweye
- a coaxial feedline terminated in a crimp-type BNC connector
- two 50 foot dipole elements
- a quantity of insulators, ring lugs and alligator clips for constructing several different antenna configurations
- a 13 page detailed instruction manual

The 2-L is intended for use as either a single or multi-band dipole antenna for use between 40 and 10 meters. The wire elements are not permanently connected. It uses ring lugs that connect to the center insulator via threaded hardware and wing nuts. Extra wire and hardware are supplied along with directions in the manual to make both single-and multiband configurations. Since the wires are removable, separate elements can be cut for several bands and either swapped out for band changing or paralleled and fanned out for no-switch multibanding. Alternatively a segmented multi-band configuration can be made and bandswitching done using the alligator clips to select which segments are used. The 13-page instruction manual gives complete information on constructing single and multi-band setups and gives advice on how to get optimum results with the Gusher 2-L.

Tomorrow we continue with #6, the KI6DS recommendation for a full blown, single band QRP CW transceiver. Hint, I have a major and a minor recommendation, depending on how you are going to use the rig. Thanks also for all the kind words and encouragement on this series. Please remember that it is just my opinion and I am not implying that my opinion is any better than anyone else's, but I do have one!! Grin. 72, Doug, KI6DS

-----  
Date: Tue, 31 Aug 1999 19:43:31 +0200  
From: Alen Mitrovic <alen.mitrovic@hermes.si>  
To: w7ox@mindspring.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48930] RE: info on S53A  
Message-ID: <F27E71EFEFE6D211917900A0C955EF61D90678@hal9000.hermes.si>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="windows-1250"

For any information on S5 Stations - republic of Slovenia, you can refer directly to me.

Anyway, S53A is Niko Basaric, ex call S51B0. He is located about half a mile from my office. He has 2el for 40m and A3S 52 meters up and many other antennas.

You can send qsl via S5 Bureau; our bureau is one of the most organized bureaus in the world.

bets 72/73 de Alen /S53MA

Personal Webpage: <http://www.qsl.net/s53ma>

-----

-----Original Message-----

From: Phil Wheeler [mailto:w7ox@mindspring.com]  
Sent: Tuesday, August 31, 1999 7:22 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: info on S53A

The following url may help:

<http://WWW.DXBANDS.COM/>

Tks for the activity report!

Phil

Roger Traylor wrote:

>

> Gang,

> 20m was hot last night at 10pm pst. Heard and worked S53A

> running 1.5 watts. How can I find out who he is and where

> he is located? Is there a dx callbook that one uses to

> find out this info? How does one qsl such a station?

> I'm new to this dx stuff.

>

> also heard: ZL3JF, UX0ZA, RV9CP, OK1TN, UA0FZN, JM3APP, SP6GCU

>

> Roger Traylor

> WB4TPW

-----  
Date: Tue, 31 Aug 1999 13:44:53 -0400

From: "dor" <elbc@pivot.net>

To: <traylor@ECE.ORST.EDU>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [48931] Re: info on S53A

Message-ID: <000b01bef3d8\$8a2f6540\$9210a1d0@mine1>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

S5 is Slovinia, (part of the old Yugoslavia) They have a call book on line  
@  
<http://users.southeast.net/~kd4ujk1/dxqsl.htm>

but I was unable to find S53A in the book.

73 DAVE

----- Original Message -----

From: Roger Traylor <traylor@ECE.ORST.EDU>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, August 31, 1999 1:19 PM

Subject: info on S53A

> Gang,

> 20m was hot last night at 10pm pst. Heard and worked S53A

> running 1.5 watts. How can I find out who he is and where  
> he is located? Is there a dx callbook that one uses to  
> find out this info? How does one qsl such a station?  
> I'm new to this dx stuff.  
>  
> also heard: ZL3JF, UX0ZA, RV9CP, OK1TN, UA0FZN, JM3APP, SP6GCU  
>  
> Roger Traylor  
> WB4TPW  
>

-----  
Date: Tue, 31 Aug 1999 14:04:53 -0400  
From: Bill Cotter <bcotter@pop.uky.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48932] WTB: Backissues of QRPP  
Message-ID: <3.0.5.32.19990831140453.00a5a9a0@pop.uky.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello,

Looking for backissues or bound volumes of QRPP. Please e-mail me  
what you have, condition and price.

73 es tn timer n4alg

-----  
Bill Cotter, N4ALG                      E-mail: bcotter@pop.uky.edu  
173 Carolyn Lane                      Home: (606) 887-5563,2402  
Nicholasville, KY 40356-9340      Work: (606) 323-6474

ARRL      ARCI #9878      QRP1 #1646      QCWA #29393      FISTS #4535  
-----

-----  
Date: Tue, 31 Aug 1999 12:21:08 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: rules@bellsouth.net, qrp-l@lehigh.edu  
Subject: [48933] Re: Proximity Switched Keyer??  
Message-ID: <199908311819.MAA00355@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi, Randy, gang--

>>ever built a keyer that used a pair of de-bounced proximity switches  
as an iambic keyer? <<

There is a bug, the Hi-Mound BK-200 (qv at <http://www.MorseX.com/himound> ) that  
uses a magnetic proximity switch in place of dot contacts. It is great for  
this application, but probably not too practical for a paddle. My guess would  
be that either the lever swing would need to be too great for comfortable  
sending, or it would have to be so sensitive that it would be difficult to  
adjust and keep in adjustment. Just a guess [g].

I'll be very interested to see if anybody has done it, though.

Another wild idea I had some time ago (probably not unique) was to put a stress  
(torsion) sensor or two on a solid, fixed lever and avoid the need for any  
moving parts, but the sensors cost more than most paddles.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

-----  
Date: Tue, 31 Aug 1999 14:29:47 -0400 (EDT)  
From: Luke Stras <[stras@ecf.utoronto.ca](mailto:stras@ecf.utoronto.ca)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [48934] Re: diode identification  
Message-ID: <[Pine.SGI.3.96.990831142429.14618B-1000000@skule.ecf](mailto:Pine.SGI.3.96.990831142429.14618B-1000000@skule.ecf)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 30 Aug 1999 SFIKE@twa.com wrote:

> Can anyone tell me what a PIN-diode is and what it does?

Very generally speaking, it is a diode that has a layer of undoped  
(intrinsic) material between the p- and n-doped layers. This gives it  
some useful properties: in particular, it can be used as a  
current-controlled attenuator or switch.

HP has some outstanding application notes on these. You can find them at

[http://www.hp.com/HP-COMP/rf/app\\_index.html](http://www.hp.com/HP-COMP/rf/app_index.html)

In particular, look at app. notes no:

922,929,957,1048,1049,1054,1067, and 1072

This is a fair bit of reading, but is quite informative.

--

Luke Stras stras@ecf.toronto.edu

"God, root, what is difference?" -- Pitrr

-----

Date: Tue, 31 Aug 1999 14:38:29 EDT

From: HWRM1SS@aol.com

To: njqrp@njqrp.org, qrp-1@lehigh.edu

Subject: [48935] D1JV 11-2-10 CB Conversion kit w/MCB-30 CB Transceiver SPOKEN FOR  
!!!

Message-ID: <b1a45ed.24fd7b25@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

QRPers,

The kit and radio are spoken for. Thanks for your responses.

Howard K3HW

-----

Date: Tue, 31 Aug 1999 14:55:30 EDT

From: GElam30092@aol.com

To: qrp-1@lehigh.edu

Subject: [48936] Speaking of good deeds and promoting QRP.....

Message-ID: <9f4d9aa0.24fd7f22@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

I sent a check to QRL-ARCI for membership and the magazine that I've heard about via this list.

Being new, I'm looking for as much QRP info as possible. Wanted a few back issues of QRP Quarterly. George Gingell was very prompt and even sent the extras of the 1999 magazines ahead of my check. Thanks George!

But it gets better.

There's a member of this list from Brazil. I've got a trip headed that way in the next week or so. I sent our Brazilian friend a note telling him if he needs something from here that is difficult to find there, I can bring it down.

He responded with a small shopping list of consisting of iron torrids. No big deal. He's about 800 km from Sao Paulo but I can mail them from SP easier than from the US.

I mentioned to George that I might ask to purchase some more to take to Brazil. George responded with a set for me to carry to Brazil for no charge to promote QRP. Wow.... got them today. There's a lot of info for our friends in Brazil!

Thank you George. You're truly an asset to QRP radio!

Gerry Elam, K1LR0  
PHX AZ

-----  
Date: Tue, 31 Aug 1999 14:10:23 -0500  
From: Mike Manship <mjmanship@iquest.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [48937] Re: Proximity Switched Keyer??  
Message-ID: <3.0.2.32.19990831141023.006bdfe0@pop.iquest.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>>>ever built a keyer that used a pair of de-bounced proximity switches  
>as an iambic keyer? <<  
>  
>  
>Another wild idea I had some time ago (probably not unique) was to put a  
stress  
>(torsion) sensor or two on a solid, fixed lever and avoid the need for any  
>moving parts, but the sensors cost more than most paddles.  
>  
I remember seeing articles using double sided pc board stock mounted  
vertically  
and connected to circuitry in order to simulate a paddle. When you touched



your  
finger to one side you got dits and to the other side dahs. I assume that  
since no  
one uses these that they didn't work very well. Do I assume correctly ?

73 de Mike W90J

-----  
Date: Tue, 31 Aug 1999 15:04:11 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [48938] for sale  
Message-ID: <003f01bef3fc\$c40dcee0\$6fab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is a repeat of a message I sent yesterday. Due to some confusion on my  
part I thought I had the Norcal 40A sold. It is still for sale.

I am selling several items:

1. Sierra Wilderness Radio with 80M, 40M, 30M, 20M, 17M, and 15M modules, and  
KC-2 keyer/Counter/S-Meter/Wattmeter unit, and BuzzNot noise blanker. \$350  
takes all.
2. Norcal 40A with KC-1 keyer-freq. counter unit... \$140.
3. SGC 230 auto tuner...\$375.
4. SGC 2020...\$575.

All pieces of equipment in pristine shape. I'll ship CONUS and will mail  
units upon arrival of money order or when check clears bank.  
Mark Paley--KF8KL--

K2 #250  
mpaley@wcnet.org  
<http://www.wcnet.org/~mpaley>

-----  
Date: Tue, 31 Aug 1999 15:23:37 -0400

From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>  
To: <mjmanship@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48939] Re: Proximity Switched Keyer??  
Message-ID: <000e01bef3e6\$698a46d0\$6401020a@lsiindustries.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,

I build a keyer years ago that did use double sided PCB.  
You touched either side for dit/dahs. I can not find the  
circuit anymore. It ran on a 9 volt battery and had 1 or 2  
simple cmos IC's. Anyone remember this thing. I want to  
build another as NO MOVING PARTS and it worked.

73,  
Dieter Gentzow  
WB8QYY  
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----

From: Mike Manship <mjmanship@iquest.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Tuesday, August 31, 1999 3:10 PM  
Subject: Re: Proximity Switched Keyer??

> >  
> >>>ever built a keyer that used a pair of de-bounced proximity switches  
> >as an iambic keyer? <<  
> >  
> >  
> >Another wild idea I had some time ago (probably not unique) was to put a  
> stress  
> >(torsion) sensor or two on a solid, fixed lever and avoid the need for  
> any  
> >moving parts, but the sensors cost more than most paddles.  
> >  
> I remember seeing articles using double sided pc board stock mounted  
> vertically  
> and connected to circuitry in order to simulate a paddle. When you touched  
> your  
> finger to one side you got dits and to the other side dahs. I assume that  
> since no

> one uses these that they didn't work very well. Do I assume correctly ?  
>  
> 73 de Mike W90J  
>

-----  
Date: Tue, 31 Aug 1999 15:35:42 -0700  
From: paul taylor <ptay1@bestweb.net>  
To: qrp-1@Lehigh.EDU  
Subject: [48940] FS  
Message-ID: <3.0.32.19990831153540.0068fb94@bestweb.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

MM3 keyer. 32k ram top shape 145 pp

-----  
Date: Tue, 31 Aug 1999 13:40:14 -0600  
From: Larry East <wlhue@amsat.org>  
To: qrp-1@lehigh.edu  
Subject: [48941] Spring QRPP  
Message-ID: <3.0.3.32.19990831134014.00925e10@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My copy of the Spring '99 QRPP finally arrived yesterday ... a full week  
AFTER the Summer '99 issue arrived! Maybe it's the sun spots... :-)

-----  
Date: Tue, 31 Aug 1999 15:54:23 -0400  
From: Laura A Fisher <wlfisher@bellatlantic.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [48942] (no subject)  
Message-ID: <37CC32EE.DFBCD9CC@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please put numbers on the text of the articles instead of just in the  
table of contents. If this is possible tnx 72's & 73' God Bless

Date: Tue, 31 Aug 1999 16:36:53 -0400  
From: "David P. Drake" <dpd@dtpax2.ncifcrf.gov>  
To: qrp-1@Lehigh.EDU  
Subject: [48943] More info on el sol's indigestion on the 28th  
Message-ID: <4.1.19990831163505.00b6a3e0@dtpax2.ncifcrf.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Date: Tue, 31 Aug 1999 12:45:14 -0500  
From: NASA Science News <expressnews@sslslab.msfc.nasa.gov>  
Reply-To: EXPRESSREPLY@SSLAB.MSFC.NASA.GOV  
To: express-delivery@sslslab.msfc.nasa.gov  
Message-ID: <009DD737.22312CB5.1@sslslab.msfc.nasa.gov>  
Subject: Solar Activity Heats Up

NASA Space Science News for August 31, 1999  
Solar Activity Heats Up: A solar coronal mass ejection on August 28, 1999 could trigger colorful auroral displays at high latitudes beginning August 31 and lasting for as long as 72 hours. FULL STORY at [http://science.nasa.gov/newhome/headlines/ast31aug99\\_1.htm](http://science.nasa.gov/newhome/headlines/ast31aug99_1.htm)  
<a href="http://science.nasa.gov/newhome/headlines/ast31aug99\_1.htm">link for AOL users</a>.

=====

You are subscribed to NASA's Space Science News mail server.  
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To add, remove, or change your address on this service,  
go to  
<http://science.nasa.gov/news/subscribe.htm>  
<a href="http://science.nasa.gov/news/subscribe.htm">  
Link for AOL users</a>.

=====

Linda Porter  
Code SD23  
Science Systems Department  
NASA/Marshall Space Flight Center  
Huntsville AL 35812  
(256)544-7588  
(256)544-7128 (fax)  
[linda.porter@msfc.nasa.gov](mailto:linda.porter@msfc.nasa.gov)  
<http://science.nasa.gov/>

|                |                        |
|----------------|------------------------|
| N3LSB - Dave   | dpd@dtpax2.ncifcrf.gov |
| Taneytown, MD  | QRP-1#:317             |
| Carroll County | FM19jp                 |

-----

Date: Tue, 31 Aug 1999 16:46:10 -0400  
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48944] Re: Proximity Switched Keyer??  
Message-ID: <37CC3F12.419423AA@eng14.rochny.uspra.abb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang,

I have an idea, why not use the paddles break a narrow laser beam?  
For non iambic operation, using a mirror and some springs, the beam could be guided to a dot and dash detector which would be the input to a keyer.

73,

Tom, kv2x

-----  
Date: Tue, 31 Aug 1999 16:54:03 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [48945] Re: Spring QRPP  
Message-ID: <37CC40EB.5C3B@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry East wrote:

> My copy of the Spring '99 QRPP finally arrived yesterday ... a full week  
> AFTER the Summer '99 issue arrived! Maybe it's the sun spots... :-)

Long-delayed echo?

73,  
Ed, W1RFI

-----

Date: Tue, 31 Aug 1999 13:59:05 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48946] Re: Proximity Switched Keyer??  
Message-ID: <Pine.GS0.4.10.9908311357020.21582-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 31 Aug 1999, Thomas Jennings wrote:

>  
> Hi gang,  
>  
> I have an idea, why not use the paddles break a narrow laser  
> beam?  
> For non iambic operation, using a mirror and some springs, the beam  
> could be guided to a dot and dash detector which would be the input  
> to a keyer.  
>

Hi Tom and all,

Don't forget that most people use very close spacing on paddles.  
For many (if not most) that is about the thickness of a single  
sheet of paper, like copier paper.

Not much movement to detect.

However, if it can be done it would sure do away with the dirty  
contact problems!

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Tue, 31 Aug 1999 17:07:10 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Cc: "W4OCW Ken" <w4ocwken@aol.com>, "Randy Tudor" <rtudor@att.net>  
Subject: [48947] NASA Space News on the solar flare the other day

Message-ID: <NBBBJDEEIFDDANGEGHLBAEDNGMAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Great article... see below... awesome photographs.

August 31, 1999: This weekend the Sun issued a reminder to anyone who might have forgotten that solar maximum is right around the corner. On Saturday, August 28 at 18:05 UTC, a major solar flare erupted from a complex sunspot group crossing the sun's southern hemisphere. The x-ray flux from the explosion registered more than 10<sup>-4</sup> Watts per square meter on the GOES 8 satellite, placing the flare in the most powerful "X" category. A somewhat weaker "M" class flare erupted from the same sunspot group on Friday, August 27.

[http://science.nasa.gov/newhome/headlines/ast31aug99\\_1.htm](http://science.nasa.gov/newhome/headlines/ast31aug99_1.htm)

72 / 73 Ed N4XY Elecraft K2 sn: 000057

-----  
Ed Tanton N4XY EMAIL: n4xy@arrl.net  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770) 971-0436

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography  
-----

"Begin at the beginning... and go on until you come  
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"  
-----

-----  
Date: Tue, 31 Aug 1999 16:11:32 -0500 (EST)  
From: igeq100@iupui.edu  
To: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48948] Re: Proximity Switched Keyer??  
Message-ID: <Pine.HPP.3.96.990831160432.19123D-1000000@ruby.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Folks -

As one who designs both paddles and optical detection systems, I

have often been tempted to build an elaborate optical keyer. So far all of the designs, while they might have been elegant or clever, showed no promise of working better than the systems we now have, and most of them required the use of a power supply and significant active circuitry. Perhaps the principle of KISS is relevant here. As a previous link in this thread implied, it is the feel and mechanical action of the paddles that are important to most users, and if there were a motionless detector, the tactile elements would have to be added back to satisfy most users, and we would have come full circle.

Sorry to sound like a spoil-sport, especially when these considerations dampen my own enthusiasm!

72/73

Richard Meiss, WB9LPU

On Tue, 31 Aug 1999, Thomas Jennings wrote:

>  
> Hi gang,  
>  
> I have an idea, why not use the paddles break a narrow laser  
> beam?  
> For non iambic operation, using a mirror and some springs, the beam  
> could be guided to a dot and dash detector which would be the input  
> to a keyer.  
>  
> 73,  
>  
> Tom, kv2x  
>

-----  
Date: Tue, 31 Aug 1999 17:30:42 EDT  
From: ADRAMIS@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48949] Norcal 20 for sale  
Message-ID: <194e1a89.24fda382@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I have a working Norcal 20 for sale with ten turn pot and no mods, nicely painted case two tone Tan stenciled, asking \$100- Please respond direct



ADRAMIS@AOL.COM

73,Angelo K3YUN

-----  
Date: Tue, 31 Aug 1999 17:31:55 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: jennings@eng14.rochny.uspra.abb.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48950] Re: Proximity Switched Keyer??  
Message-ID: <37CC49CB.34B5@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom,

>

>I have an idea, why not use the paddles break a narrow laser  
> beam?

> For non iambic operation, using a mirror and some springs, the beam  
> could be guided to a dot and dash detector which would be the input  
> to a keyer.

>

Geez guys, if you spend a bit more money your computer can send the CW  
for you and you won't have to spend a megabuck on the keyer. Keyers  
are by definition the second least complex part of CW - the first is a  
straight key. Every time you try to insert some clever idea you  
compromise the feel of the key and increase its complexity. Why?

73

-----  
Date: Tue, 31 Aug 1999 17:31:55 +0100  
From: Andy C Meng <andymeng@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [48951] Re: Proximity Switched Keyer?? (IR stuff about it)  
Message-ID: <19990831.173158.3294.0.andymeng@juno.com>

>>Don't forget that most people use very close spacing on paddles.  
For many (if not most) that is about the thickness of a single  
sheet of paper, like copier paper.<<

>>Not much movement to detect.<<

>>However, if it can be done it would sure do away with the dirty  
contact problems!<<

I am working on an IR timing system for a motocross practice track and I have found that you could easily do this with very high accuracy using an RS IR detector module. This is a good unit to use as I think it has an ALC inside of it, so it will sense a very slight variation to the incoming IR energy. I got it working outside at a range of 10-12 feet and when using a bicycle wheel to break the beam, It broke at the EXACT same place every time, at 10 ft range. I looked from the detector module, and as soon as the IR tx LED was not visible, the module registered it.

At a smaller distance it might be slightly better. The module requires a 40khz modulated signal to filter out "junk" light. This can be done with just a 555.

I have it built up very small using some SMT parts, and it would be very reliable over such a short range. I might have to try this, although beamsplitting might be hard without stuff from Edmund or another optical supplier. My suggestion would be to use a pair for each side. Things for playing with IR that I have found to be necessary:

IR detector card that radio shack sells -- this converts IR into visible light so you can see if your emitter is working

RS hi power IR LED -- this can put out 20mW and I did not have much success with the one that comes in the IR emitter/detector pair from RS this also seems like a "tough" component I only destroyed one -- I turned it on and saw it glow orange :-)

RS IR detector module -- This has a built in preamp and everything built into it, a logic hi / lo signal comes out

I have spent ~\$75 at RS already! I am not a stock holder, only because I spent my money on a motocross bike to ride on the track that this project is for. :-)

If anyone would be interested in the details, just e-mail me.

Also, for this project, I need a type of "debouncer" that will go high momentarily when it gets a logic hi signal, then wait about five seconds before being

able to trigger  
again. I would be VERY interested in this also, please email me if you  
have any ideas.

I hope this is of use to someone, and thanks for reading this!

Andy KC8KFI Cincinnati, OH  
total HF QRP CW contacts: ~53  
SW40+ running 1-2W into a dipole at 24 ft -- straight key  
projects: IR start timer for dirt bike track, restoring SB-104  
to working condition, wirebrushing tower, SMT G4WIF regen

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 31 Aug 1999 16:47:49 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@lehigh.EDU  
Subject: [48952] contact space  
Message-ID: <12076-37CC4D85-5156@postoffice-111.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

I use a lot of space between contacts so I can get a lot of click and  
clatter . At the speeds I send , it adds flavor to the music.

-----  
Date: Tue, 31 Aug 1999 15:56:15 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>  
Subject: [48953] Nov. sweepstakes  
Message-ID: <Pine.LNX.3.95.990831155411.1570A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been trying to connect to Scott Davis' web site to see if he has his  
new November Sweepstakes logging program version 2.5 up yet....can't  
connect for some reason...I have the url correct....anyone know of a url  
change?...thanks....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,  
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

-----  
Date: Tue, 31 Aug 1999 18:00:16 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48954] Re: Proximity Switched Keyer??  
Message-ID: <37CC5070.874FCE98@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike Manship wrote:

> I remember seeing articles using double sided pc board stock mounted  
> vertically and connected to circuitry in order to simulate a paddle. When you  
touched  
> your finger to one side you got dits and to the other side dahs. I assume that  
> since no one uses these that they didn't work very well. Do I assume correctly ?  
>  
> 73 de Mike W90J

Kent company was selling a proximity touch paddle a few years ago. cost about  
30 bucks.

I think i still have it around here somewhere. Guess what!! no "feel" . might as  
well have been  
tapping on the table.  
later man.

--  
72.5, mitch ww4ml  
lost in the ethers again..

-----  
Date: Tue, 31 Aug 1999 17:47:14 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: mjmanship@iquest.net  
Cc: qrp-l@lehigh.edu  
Subject: [48955] Re: Proximity Switched Keyer??  
Message-ID: <199908312229.SAA18870@moose.ncia.net>

MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> and connected to circuitry in order to simulate a paddle. When you touched  
> your finger to one side you got dits and to the other side dahs. I assume  
> that since no one uses these that they didn't work very well. Do  
> I assume correctly ?

>

I've been thinking of making one of these for a while, as it is  
simple mechanicly and could be light weight for portable work.

The "touch senser" paddle has been around for a while and there have  
been quite a few varriations of the senser published. I remeber  
seeing a kit for one of these once too.

I think the reason they aren't very popular is that they have little  
or no mechanical "feel" and can be a little erratic in operation.  
Some times a very light touch is all that's needed to trigger them,  
somethime you have to push harder.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----

Date: Tue, 31 Aug 1999 18:32:55 EDT  
From: GElam30092@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48956] Thanks for the assistance  
Message-ID: <f3e87385.24fdb217@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I asked for help earlier re DSW. I underestimated both how popular these  
radios are AND how willing this group is to help a newbie!!!!

I got the info I needed which was clarification of the offset. I was too  
embarrassed to pose my question to the group..... you know.... newbie-type of  
question.

Nevertheless, thanks for the assistance and all of the offers of assistance  
also! I do appreciate it.

Cheers,  
Gerry Elam

PHX AZ

-----  
Date: Wed, 01 Sep 1999 08:34:36 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48957] Copy of QST article  
Message-ID: <37CC587C.F4B3AB47@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Is it possible for someone to provide me with a photocopy of this article?

Hayward, Wes A Unified Approach to the Design of Crystal Ladder Filters  
QST May,  
1982.

I have a sneaky feeling I once had a copy but lost it during relocation.  
Then again maybe not

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
Budgewoi N.S.W. Australia  
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>  
"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

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End of QRP-L Digest 1565

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